

Application No. 09/966,900
Response to Final Office Action

Customer No. 01933

Listing of Claims:

1. (Previously Presented) A picked-up image managing device comprising:

picked-up image storing means for storing items of picked-up image data and items of image picking-up position data associated with the items of picked-up image data;

name storing means for storing items of position data and items of name data associated with the items of position data;

grouping means for classifying the items of picked-up image data stored in said picked-up image storing means into at least one group;

identifying means for identifying one of the items of position data stored in said name storing means based on at least one of the items of image picking-up position data stored in association with the items of picked-up image data of the group; and

group name determining means for setting a group name of the group as the item of name data stored in said name storing means in association with the identified item of position data.

2. (Previously Presented) The device according to claim 1, further comprising:

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image picking-up means for picking-up images of an object
and outputting the items of picked-up image data; and

5 image picking-up position acquiring means for acquiring
image picking-up positions of the items of picked-up image data
outputted from said image picking-up means and outputting the
items of the image picking-up position data;

10 wherein said picked-up image storing means stores the items
of picked-up image data outputted from said image picking-up
means and the items of image picking-up position data outputted
from said image picking-up position acquiring means and
associated with the items of picked-up image data.

3. (Previously Presented) The device according to claim 1,
further comprising group name display controlling means for
displaying the group name determined by said group name
determining means on a display.

4. (Previously Presented) The device according to claim 1,
further comprising storage controlling means for storing the
group name determined by said group name determining means in
said picked-up image storing means, in association with the items
of picked-up image data of the group.

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5. (Original) The device according to claim 4, wherein said storage controlling means comprises means for storing the group name in said picked-up image storing means as a folder name.

Claim 6 (Canceled).

7. (Currently Amended) The device according to claim 6 1, wherein said items of position data stored in said name storing means comprise items of area data and the items of name data are associated with the items of area data.

8. (Previously Presented) The device according to claim 1, further comprising file name determining means for identifying one of the items of position data stored in said name storing means based on one of the items of image picking-up position data stored in said picked-up image storing means in association with one of the items of picked-up image data, and for setting a file name of said one of the items of picked-up image data as the item of name data stored in said name storing means in association with the identified item of position data.

9. (Previously Presented) The device according to claim 1, wherein:

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said picked-up image storing means stores each said item of
image picking-up position data and the associated item of
5 picked-up image data in association with an item of image
picking-up date-and-time data; and

said at least one of the items of image picking-up position
data upon which the identification of said one of the items of
position data stored in the name storing means is based comprises
10 one of the items of image picking-up position data that
is associated with an item of picked-up image data having
an oldest image picking-up date-and-time value of all the items
of picked-up image data of the group.

10. (Currently Amended) The device according to claim 1,
wherein ~~said at least one of the items of image picking-up
position data upon which~~ the identification of said one of the
items of position data stored in the name storing means is based
5 ~~comprisees~~ on a plurality of the items of image picking-up
position data stored in said picked-up image storing means in
association with the items of picked-up image data of the group.

11. (Previously Presented) The device according to
claim 10, wherein said identifying means identifies the item of
position data stored in said name storing means based on average
image picking-up position data obtained by averaging the items of

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- 5 image picking-up position data stored in association with the items of picked-up image data of the group.

12. (Previously Presented) The device according to claim 1, wherein the items of position data stored in said name storing means are items of area data, and the items of name data are associated with the items of area data; and

- 5 wherein said grouping means classifies into one said group the items of picked-up image data stored in said picked-up image storing means in association with the items of image picking-up position data included in an area identified by one of the items of area data stored in said name storing means.

13. (Previously Presented) The device according to claim 12, wherein said identifying means identifies said one item of area data as said at least one item of position data.

14. (Previously Presented) A picked-up image managing device comprising:

- 5 picked-up image storing means for storing items of picked-up image data and items of image picking-up position data associated with the items of picked-up image data;

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grouping means for classifying the items of picked-up image data stored in said picked-up image storing means into at least one group; and

10 group name determining means for determining a group name of the group based on at least one item of the items of image picking-up position data stored in said picked-up image storing means and associated with the items of picked-up image data of the group;

15 wherein said grouping means classifies the items of picked-up image data based on whether or not a distance between each pair of items of image picking-up position data stored in said picked-up image storing means is greater than a predetermined value.

15. (Previously Presented) The device according to claim 14, further comprising distance setting means for setting the predetermined value based on a distribution pattern of the distance between each said pair of items of image picking-up position data.

16. (Previously Presented) The device according to claim 1, further comprising picked-up image selecting means for selecting arbitrary ones of the items of picked-up image data stored in said picked-up image storing means;

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5 wherein said grouping means classifies the arbitrary items
selected by said picked-up image selecting means into the group.

17. (Previously Presented) The device according to
claim 16, further comprising:

map storing means for storing a map; and

5 map display controlling means for displaying the map stored
in said map storing means on a display;

wherein said picked-up image selecting means comprises scope
specifying means for manually specifying a desired scope on the
displayed map; and

10 wherein said grouping means classifies into the group the
items of picked-up image data stored in said picked-up image data
storing means that are associated with the items of image
picking-up position data included in the specified desired scope.

18. (Previously Presented) The device according to
claim 17, further comprising symbol display controlling means for
displaying a symbol indicating an image picking-up position at at
least one place on the map identified by at least one of the
5 items of said image picking-up position data stored in said
picked-up image storing means.

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19. (Previously Presented) The device according to claim 1,
further comprising:

map storing means for storing a map;

map display controlling means for displaying the map stored
5 in said map storing means on a display; and

symbol display controlling means for displaying a symbol at
at least one place on the map determined based on at least one of
the items of image picking-up position data stored in
association with the items of picked-up image data of the group.

20. (Original) The device according to claim 19, wherein
said symbol display controlling means comprises means for
displaying on the map the group name determined by said group
name determining means together with the symbol.

21. (Previously Presented) The device according to
claim 19,

wherein said at least one place comprises a plurality of
places on the map, and each of said places is determined based on
5 at least one of the items of image picking-up position data
stored in association with the items of picked-up image data of
the group; and

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wherein the device further comprises:

symbol selecting means for selecting one of the symbols
10 displayed on the map; and

second symbol display controlling means for displaying
symbols at places on the map identified by the items of image
picking-up position data stored in association with the items of
picked-up image data included in a group corresponding to the
15 symbol selected by said symbol selecting means.

22. (Previously Presented) The device according to claim 1,
further comprising:

map storing means for storing a map;

map display controlling means for displaying the map stored
5 in the map storing means on a display; and

symbol display controlling means for displaying symbols at
places on the map identified by the items of image picking-up
position data stored in association with the items of picked-up
image data of the group.

23. (Original) The device according to claim 22, wherein
said symbol display controlling means comprises means for
displaying on the map the group name determined by said group
name determining means together with the symbols.

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Claims 24-26 (Canceled).

27. (Previously Presented) A method of managing picked-up images, comprising:

outputting an item of picked-up image data upon imaging an object;

5 acquiring an item of image picking-up position data of the output item of picked-up image data;

storing the output item of picked-up image data and the acquired item of image picking-up position data in association with each other in a storage section;

10 classifying a plurality of said items of picked-up image data stored in the storage section into at least one group; and

identifying, from a plurality of items of position data stored in association with items of name data, one of the items of position data based on at least one of the items of image picking-up position data stored in associated with the items of
15 picked-up image data of the group; and

setting a group name of the group as the item of name data stored in association with the identified item of position data.